

Approved release through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

(Use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

Complete if Known

0/520837

Application Number	Unknown
Filing Date	January 7, 2005
First Named Inventor	Bruno Thedrez
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	AVAN/000635US

[illegible][illegible]

**Examiner
Signature**

Date Considered

10-18-06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

10/520837

12 Rec'd PCT/PTO 07 JAN 2005

PTO/SB/08b(08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	Unknown
		Filing Date	January 7, 2005
		First Named Inventor	Bruno Thedrez
		Art Unit	Unknown
		Examiner Name	Unknown
Sheet 2 of 2	Attorney Docket Number	AVAN/000635US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AL		T. D. HAPP, M. KAMP, A. FORCHEL, Ridge Waveguide Lasers With 2D Photonic Crystal Mirrors, Proceedings of the 26 th International symposium On Compound Semiconductors, Berlin, August 22, 26, 1999, Institute of Physics Conference Series, London: IOP, GB, Vol. Nr. 166, 22 August 1999, Pages 411-414, XP000921543, ISBN: 0-7503-0704-8 Figure 1	
AL		I. VURGAFTMAN AND J. R. MEYER, Photonic-Crystal Distributed-Feedback Lasers, Applied Physics Letters, American Institute of Physics, New York, U.S., Vol. 78, No. 11, 12 March 2001, pages 1475-1477, XP001015018, ISSN: 0003-6951, Figure 1	
AL		M. KAMP, J. HOFMANN, F. SCHAFFER, M. REINHARD, M. FISCHER, T. BLEUEL, J. P. REITHMAIER, AND A. FORCHEL, Lateral Coupling - A Material Independent Way To Complex Coupled DFB Lasers, Optical Materials, Elsevier Science Publishers B.V. Amsterdam, NL, Vol. 17, No. 1-2, June 2001, Pages 19-25, XP004254783, ISSN: 0925-3467, Figure 1	
AL		PCT Search Report, International Application No. PCT/FR 03/02063, dated February 2, 2004	

Examiner Signature		Date Considered	10-18-06
--------------------	---	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.